

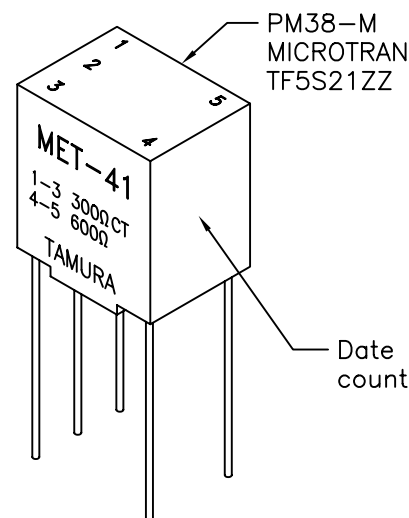
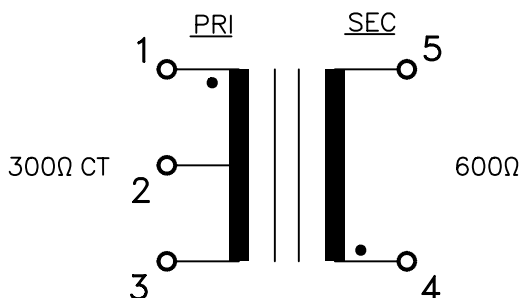
AUDIO COUPLING MINIATURE ENCAPSULATED TRANSFORMER DESIGNED TO OPERATE 50mW MAX IN SECONDARY AND REFLECT A PRIMARY IMPEDANCE OF APPROXIMATELY 300Ω CT WITH 600Ω LOAD ON SECONDARY.

A. Electrical Specifications (@ 20°C)

1. Pri Source Impedance; 300Ω CT
2. Sec Load Impedance; 600Ω
3. Pri DC Current; 7mA MAX
4. Operating Level; 50mW MAX @ 300Hz
5. Frequency Response (relative to 1KHz);
 $\pm 2.0\text{dB}$ @ 300Hz to 100KHz
6. Longitudinal Balance; 60dB MIN @ 1KHz
7. DC Resistance;
(1-3) $41\Omega \pm 20\%$
(4-5) $98\Omega \pm 20\%$
8. Turns Ratio; (1-3) : (4-5) = 0.71 : 1.00 $\pm 2\%$
9. Dielectric Strength;
500Vrms (10mA peak MAX) 1 minute @ Pri - Sec

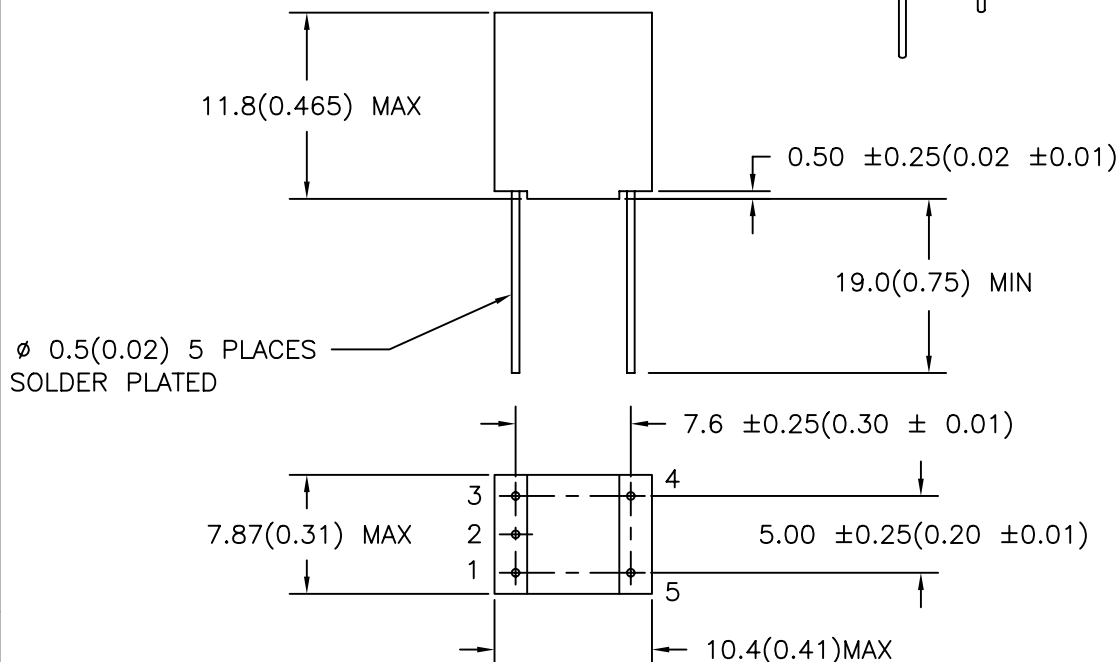
B. Marking; MET-41, TAMURA, Primary and Secondary Impedance, PM38-M, MICROTRAN, TF5S21ZZ, date code and country of origin

C. Schematic Diagram



Date code and country of origin

D. Mechanical Specifications



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D. Kelley

APPROVED:

D. Suzuki

DWG CONTROL NO.
P-A1-12014
ACAD\MET\A1120141.DWG

REV
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AUDIO COUPLING
MINIATURE ENCAPSULATED TRANSFORMER

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(909) 699-1270 FAX 9096769482

MET-41

MODEL SPECIFICATION

DIM: mm(in) SCL: 2/1 SH: 1 OF 1

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